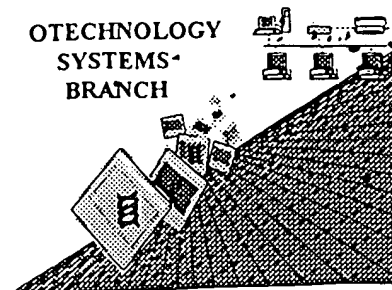


RAW SEQUENCE LISTING ERROR REPORT

0590 10/23
BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09 756 481 A

Source: OIPE

Date Processed by STIC: 10/02/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

DATE: 10/02/2001

PATENT APPLICATION: US/09/756,481A

TIME: 11:48:10

Input Set : A:\47506-sequence.txt

Output Set: N:\CRF3\10022001\I756481A.raw

3 <110> APPLICANT: Mark Marchionni
 4 Michael Jarpe
 5 Ted Ebendal
 7 <120> TITLE OF INVENTION: METHODS FOR TREATING NEUROLOGICAL
 8 INJURIES AND DISORDERS
 10 <130> FILE REFERENCE: 47506 (71095)
 12 <140> CURRENT APPLICATION NUMBER: 09/756,481A
 C--> 13 <141> CURRENT FILING DATE: 2001-08-30
 15 <150> PRIOR APPLICATION NUMBER: PCT/US99/15106
 16 <151> PRIOR FILING DATE: 1999-07-02
 18 <150> PRIOR APPLICATION NUMBER: 60/091,791
 19 <151> PRIOR FILING DATE: 1998-07-06
 21 <160> NUMBER OF SEQ ID NOS: 2
 23 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 25 <210> SEQ ID NO: 1
 26 <211> LENGTH: 1387
 27 <212> TYPE: DNA
 28 <213> ORGANISM: Artificial Sequence
 30 <220> FEATURE:
 31 <221> NAME/KEY: CDS
 32 <222> LOCATION: (218)...(1288)
 W--> 34 <223> OTHER INFORMATION: *Errored*
 34 <400> SEQUENCE: 1

35	cccttctcca gggactctgg ctgccagcag ctcgccttt cagatcaatt ctgcaccacc	60
36	caccttgagg ctgcgcacca gtcctgcct ctggatcagt ggggtccaga cagccccct	120
37	ccaggacctc aaagcacccc cgacctagg tcaccagccc actggcccca gacgcagtgg	180
38	gctccgctga ctctcttga cacctcctgg gaggaat atg ctc cct gtc tgc cat	235
39	Met Leu Pro Val Cys His	
40	1 5	
42	cgt ttt tgc gac cac ctc ctc ctc ctg ctc ttg ctg ccc tcg acg acc	283
43	Arg Phe Cys Asp His Leu Leu Leu Leu Leu Leu Pro Ser Thr Thr	
44	10 15 20	
46	ctg gcc ccc gcg cca gca tcc atg ggc ccc gct gcc gcc ctg ctc cag	331
47	Leu Ala Pro Ala Pro Ala Ser Met Gly Pro Ala Ala Ala Leu Leu Gln	
48	25 30 35	
50	gtt ctt ggg ctt ccc gaa gcg ccc cgg agc gtc ccc aca cac cga cct	379
51	Val Leu Gly Leu Pro Glu Ala Pro Arg Ser Val Pro Thr His Arg Pro	
52	40 45 50	
53	gtg cct cct gtc atg tgg cgc cta ttc cgt cgc cgt gac ccc cag gag	427
54	Val Pro Pro Val Met Trp Arg Leu Phe Arg Arg Asp Pro Gln Glu	
55	55 60 65 70	
57	gcc aga gtg gga cgc cct ctg cgg cca tgc cac gtg gag gaa cta ggg	475
58	Ala Arg Val Gly Arg Pro Leu Arg Pro Cys His Val Glu Glu Leu Gly	
59	75 80 85	
61	gtc gcc gga aac att gtg cgc cac atc ccc gac agc ggt ctg tcc tcc	523
62	Val Ala Gly Asn Ile Val Arg His Ile Pro Asp Ser Gly Leu Ser Ser	
63	90 95 100	

Does Not Comply
 Corrected Diskette Needed

A 213 response of "Artificial Sequence" requires an explanation or description in Field 223

RAW SEQUENCE LISTING

DATE: 10/02/2001

PATENT APPLICATION: US/09/756,481A

TIME: 11:48:10

Input Set : A:\47506-sequence.txt

Output Set: N:\CRF3\10022001\I756481A.raw

65	agg ccc gca caa ccc gcc agg acc tcg ggg ctg tgc ccc gag tgg aca	571
66	Arg Pro Ala Gln Pro Ala Arg Thr Ser Gly Leu Cys Pro Glu Trp Thr	
67	105 110 115	
69	gtc gtc ttt gac ctg tcg aat gtg gag ccc aca gag cgc cca aca cgc	619
70	Val Val Phe Asp Leu Ser Asn Val Glu Pro Thr Glu Arg Pro Thr Arg	
71	120 125 130	
73	gcg cgc tta gag ttg cgg ctg gag gct gag tgt gaa gat aca gga ggg	667
74	Ala Arg Leu Glu Leu Arg Leu Glu Ala Glu Cys Glu Asp Thr Gly Gly	
75	135 140 145 150	
77	tgg gag cta agc gtg gca ctg tgg gcc gac gca gag cat cca ggg cct	715
78	Trp Glu Leu Ser Val Ala Leu Trp Ala Asp Ala Glu His Pro Gly Pro	
79	155 160 165	
81	gag ctg ctg cgc gtg ccg gcg cca cca ggg gtg ctc ctg cgc gca gac	763
82	Glu Leu Leu Arg Val Pro Ala Pro Pro Gly Val Leu Leu Arg Ala Asp	
83	170 175 180	
85	cta ctg ggg act gca gta gcc gcc aac gca tca gtg ccc tgt act gtg	811
86	Leu Leu Gly Thr Ala Val Ala Ala Asn Ala Ser Val Pro Cys Thr Val	
87	185 190 195	
89	cgc ctg gcg ctg tca ctg cac cct ggg gcc act gca gcc tgt ggg cgc	859
90	Arg Leu Ala Leu Ser Leu His Pro Gly Ala Thr Ala Ala Cys Gly Arg	
91	200 205 210	
93	ctg gct gag gcc tcc ctg ctg ctg gtg acg ctg gac cca cgc ctg tgt	907
94	Leu Ala Glu Ala Ser Leu Leu Leu Val Thr Leu Asp Pro Arg Leu Cys	
95	215 220 225 230	
97	ccc ttg ccg cga ttg cgg cgc cac acg gag ccc agg gta gaa gtt ggt	955
98	Pro Leu Pro Arg Leu Arg Arg His Thr Glu Pro Arg Val Glu Val Gly	
99	235 240 245	
101	cca gtg ggc act tgt cgt acc cga cgg ttg cat gtg agc ttc cgt gag	1003
102	Pro Val Gly Thr Cys Arg Thr Arg Arg Leu His Val Ser Phe Arg Glu	
103	250 255 260	
105	gtg ggc tgg cac cgt tgg gtg atc gcg ccg cgt ggc ttc cta gcc aac	1051
106	Val Gly Trp His Arg Trp Val Ile Ala Pro Arg Gly Phe Leu Ala Asn	
107	265 270 275	
109	ttc tgc cag ggc acg tgc gca cta ccc gaa acg ctg agg gga ccc ggc	1099
110	Phe Cys Gln Gly Thr Cys Ala Leu Pro Glu Thr Leu Arg Gly Pro Gly	
111	280 285 290	
113	ggg ccg cct gca ctc aac cac gct gtg ctg cgc gcg ctc atg cac gca	1147
114	Gly Pro Pro Ala Leu Asn His Ala Val Leu Arg Ala Leu Met His Ala	
115	295 300 305 310	
117	gct gct ccc acc ccg ggt gca ggc tcg ccc tgc tgc gtg cca gag cgt	1195
118	Ala Ala Pro Thr Pro Gly Ala Gly Ser Pro Cys Cys Val Pro Glu Arg	
119	315 320 325	
121	cta tca ccc atc tcc gtg ctc ttc ttc gac aat agt gac aac gtg gtc	1243
122	Leu Ser Pro Ile Ser Val Leu Phe Phe Asp Asn Ser Asp Asn Val Val	
123	330 335 340	
125	ctg cga cac tac gaa gac atg gtg gtg gat gag tgt ggc tgc cgt	1288
126	Leu Arg His Tyr Glu Asp Met Val Val Asp Glu Cys Gly Cys Arg	
127	345 350 355	
129	tgaccaccgg ggacaccctt tcagggaccg cccacgcaa aagcagggac tgtttgttca	1348

RAW SEQUENCE LISTING

DATE: 10/02/2001

PATENT APPLICATION: US/09/756,481A

TIME: 11:48:10

Input Set : A:\47506-sequence.txt

Output Set: N:\CRF3\10022001\I756481A.raw

1387

130 tgtttttattg gtgacaaaaa gcttaaaaca aatttgact
 132 <210> SEQ ID NO: 2
 133 <211> LENGTH: 357
 134 <212> TYPE: PRT
 135 <213> ORGANISM: Artificial Sequence
 W--> 137 <220> FEATURE:
 W--> 137 <223> OTHER INFORMATION:
 137 <400> SEQUENCE: 2
 138 Met Leu Pro Val Cys His Arg Phe Cys Asp His Leu Leu Leu Leu Leu
 139 1 5 10 15
 140 Leu Leu Pro Ser Thr Thr Leu Ala Pro Ala Pro Ala Ser Met Gly Pro
 141 20 25 30
 142 Ala Ala Ala Leu Leu Gln Val Leu Gly Leu Pro Glu Ala Pro Arg Ser
 143 35 40 45
 144 Val Pro Thr His Arg Pro Val Pro Pro Val Met Trp Arg Leu Phe Arg
 145 50 55 60
 146 Arg Arg Asp Pro Gln Glu Ala Arg Val Gly Arg Pro Leu Arg Pro Cys
 147 65 70 75 80
 148 His Val Glu Glu Leu Gly Val Ala Gly Asn Ile Val Arg His Ile Pro
 149 85 90 95
 150 Asp Ser Gly Leu Ser Ser Arg Pro Ala Gln Pro Ala Arg Thr Ser Gly
 151 100 105 110
 152 Leu Cys Pro Glu Trp Thr Val Val Phe Asp Leu Ser Asn Val Glu Pro
 153 115 120 125
 154 Thr Glu Arg Pro Thr Arg Ala Arg Leu Glu Leu Arg Leu Glu Ala Glu
 155 130 135 140
 157 Cys Glu Asp Thr Gly Gly Trp Glu Leu Ser Val Ala Leu Trp Ala Asp
 158 145 150 155 160
 159 Ala Glu His Pro Gly Pro Glu Leu Leu Arg Val Pro Ala Pro Pro Gly
 160 165 170 175
 161 Val Leu Leu Arg Ala Asp Leu Leu Gly Thr Ala Val Ala Ala Asn Ala
 162 180 185 190
 163 Ser Val Pro Cys Thr Val Arg Leu Ala Leu Ser Leu His Pro Gly Ala
 164 195 200 205
 165 Thr Ala Ala Cys Gly Arg Leu Ala Glu Ala Ser Leu Leu Val Thr
 166 210 215 220
 167 Leu Asp Pro Arg Leu Cys Pro Leu Pro Arg Leu Arg Arg His Thr Glu
 168 225 230 235 240
 169 Pro Arg Val Glu Val Gly Pro Val Gly Thr Cys Arg Thr Arg Arg Leu
 170 245 250 255
 171 His Val Ser Phe Arg Glu Val Gly Trp His Arg Trp Val Ile Ala Pro
 172 260 265 270
 173 Arg Gly Phe Leu Ala Asn Phe Cys Gln Gly Thr Cys Ala Leu Pro Glu
 174 275 280 285
 175 Thr Leu Arg Gly Pro Gly Gly Pro Pro Ala Leu Asn His Ala Val Leu
 176 290 295 300
 177 Arg Ala Leu Met His Ala Ala Ala Pro Thr Pro Gly Ala Gly Ser Pro
 178 305 310 315 320
 179 Cys Cys Val Pro Glu Arg Leu Ser Pro Ile Ser Val Leu Phe Phe Asp

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/756,481A

DATE: 10/02/2001

TIME: 11:48:10

Input Set : A:\47506-sequence.txt

Output Set: N:\CRF3\10022001\I756481A.raw

180				325					330					335		
181	Asn	Ser	Asp	Asn	Val	Val	Leu	Arg	His	Tyr	Glu	Asp	Met	Val	Val	Asp
182				340					345					350		
183	Glu	Cys	Gly	Cys	Arg											
184				355												

VERIFICATION SUMMARY

DATE: 10/02/2001

PATENT APPLICATION: US/09/756,481A

TIME: 11:48:11

Input Set : A:\47506-sequence.txt

Output Set: N:\CRF3\10022001\I756481A.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:34 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

L:137 M:258 W: Mandatory Feature missing, <220> FEATURE:

L:137 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

STATISTICS SUMMARY

PATENT APPLICATION: US/09/756,481A

DATE: 10/02/2001

TIME: 11:48:11

Input Set : A:\47506-sequence.txt

Output Set: N:\CRF3\10022001\I756481A.raw

Application Serial Number: US/09/756,481A

Alpha or Numeric: Numeric

Application Class:

Application File Date: 08-30-2001

Art Unit: OIPE

Software Application: FastSeq

Total Number of Sequences: 2

Total Nucleotides: 1387

Total Amino Acids: 357

Number of Errors: 0

Number of Warnings: 3

Number of Corrections: 1

MESSAGE SUMMARY

258 W: 3 (Mandatory Feature missing)

271 C: 1 (Current Filing Date differs)